

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101315\
 Data File : BM002891.D
 Acq On : 13 Oct 2015 17:57
 Operator : UM/IZ
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.1

Manual Integrations
 APPROVED

MMdadoda
 10/14/2015 6:25:51 PM

Quant Time: Oct 14 17:29:41 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SIM-ACID-BM0101315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 14 17:20:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.66	152	85503	5.00	ng	0.00
8) Naphthalene-d8	11.50	136	351739	5.00	ng	0.00
14) Acenaphthene-d10	15.25	164	189278	5.00	ng	0.00
21) Phenanthrene-d10	17.95	188	438365	5.00	ng	0.00
24) Chrysene-d12	22.04	240	401662	5.00	ng	0.00
26) Perylene-d12	24.61	264	380150	5.00	ng	0.00
System Monitoring Compounds						
2) 2-Fluorophenol	6.20	112	1786m	0.12	ng	0.06
3) Phenol-d6	7.83	99	2865	0.12	ng	0.05
9) Nitrobenzene-d5	9.90	82	1940m	0.09	ng	0.04
15) 2,4,6-Tribromophenol	16.74	330	658	0.10	ng	0.02
18) 2-Fluorobiphenyl	13.88	172	6975	0.11	ng	0.01
25) Terphenyl-d14	20.48	244	6875	0.11	ng	0.00
Target Compounds						
4) 2-Chlorophenol	8.24	128	2234	0.10	ng	Qvalue # 78
5) Phenol	7.86	94	2396m	0.10	ng	
6) 2-Methylphenol	9.15	107	2153	0.12	ng	# 66
7) 3+4-Methylphenols	9.51	107	2138	0.10	ng	# 45
10) 2-Nitrophenol	10.68	139	859	0.10	ng	# 33
11) 2,4-Dimethylphenol	10.68	122	2005	0.10	ng	89
12) 2,4-Dichlorophenol	11.26	162	1164	0.08	ng	# 83
13) 4-Chloro-3-methylphenol	12.81	107	1830	0.10	ng	# 71
16) 2,4,6-Trichlorophenol	13.76	196	1193	0.10	ng	# 64
17) 2,4,5-Trichlorophenol	13.88	196	1154	0.09	ng	# 95
22) 4,6-Dinitro-2-methylphenol	16.49	198	101	0.03	ng	# 1

(#) = qualifier out of range (m) = manual integration (+) = signals summed

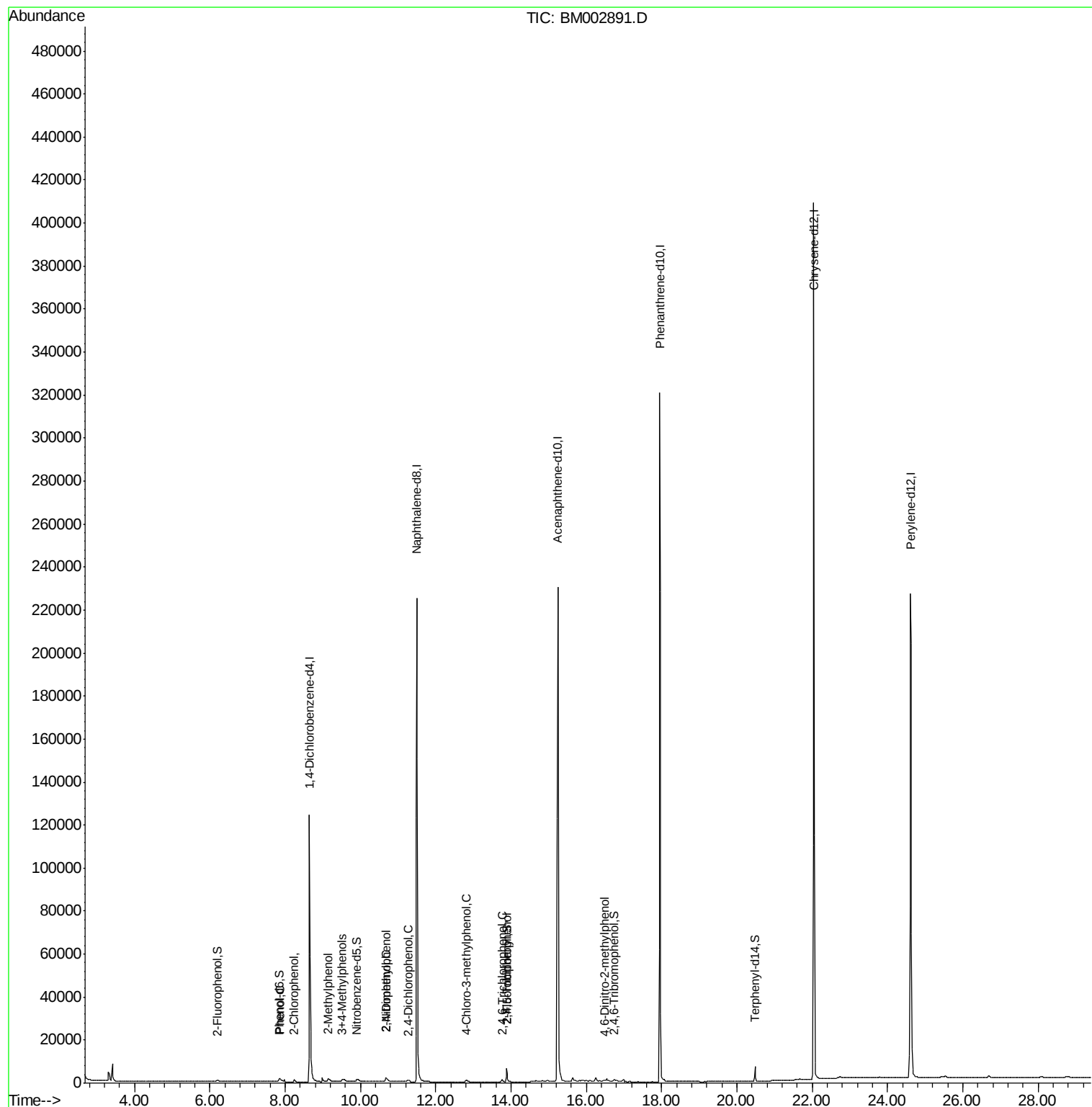
Data Path : Z:\HPCHEM1\BNA M\DATA\BM101315\
Data File : BM002891.D
Acq On : 13 Oct 2015 17:57
Operator : UM/IZ
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

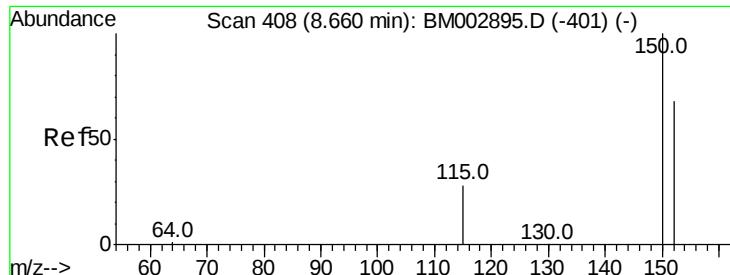
Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SIM-ACID-BM0101315.M
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#1

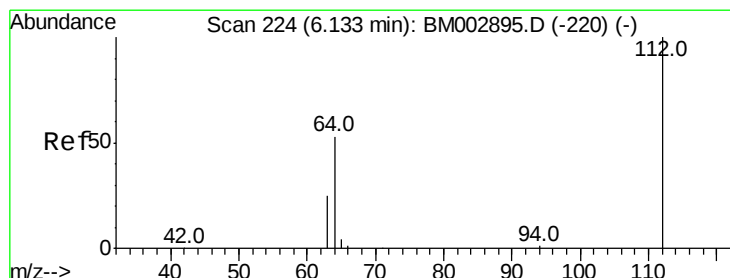
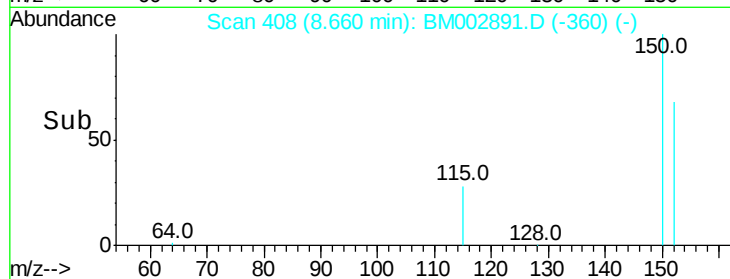
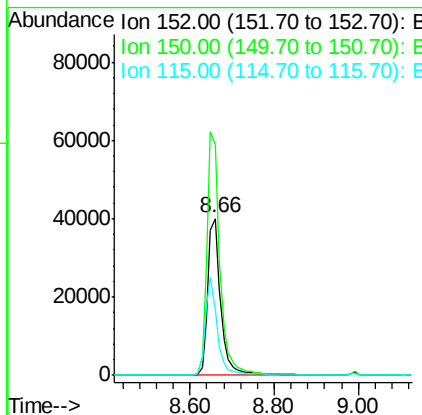
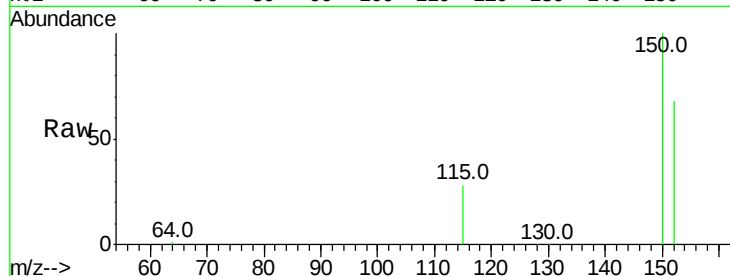
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.66 min Scan# 408
Delta R.T. -0.00 min
Lab File: BM002891.D
Acq: 13 Oct 2015 17:57

Instrument :
BNA_M
ClientSampleId :
SSTDIC0.1

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.2	116.3	174.5
115	41.9	31.9	47.9

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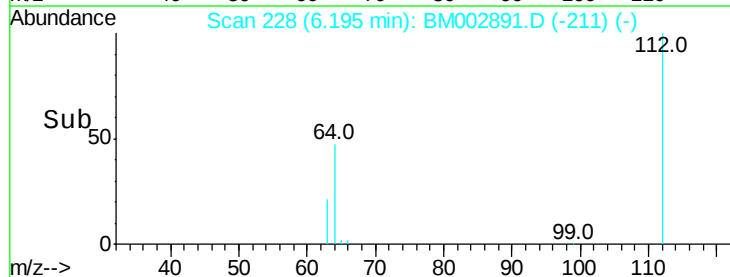
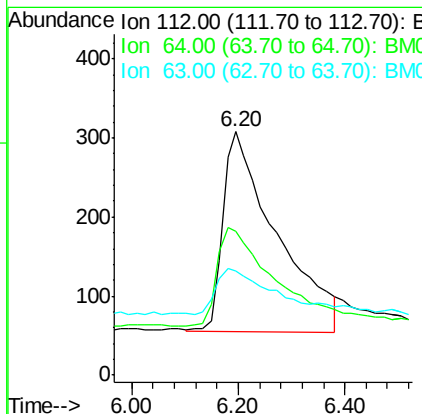
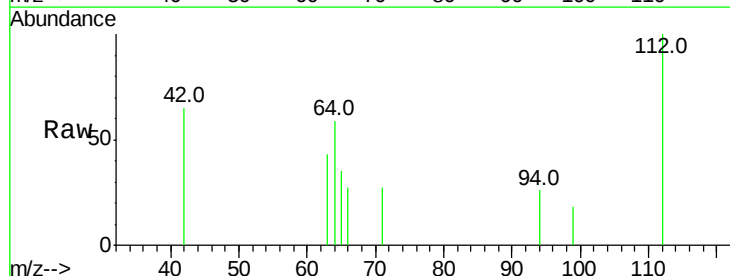
MMdadoda
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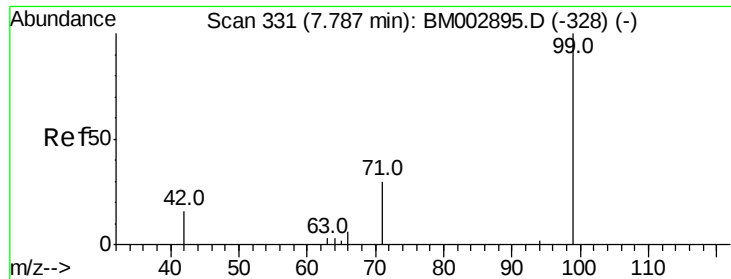


#2

2-Fluorophenol
Concen: 0.12 ng m
RT: 6.20 min Scan# 228
Delta R.T. 0.06 min
Lab File: BM002891.D
Acq: 13 Oct 2015 17:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.1	49.3	73.9
63	42.5	26.2	39.4





#3

Phenol-d6

Concen: 0.12 ng

RT: 7.83 min Scan# 334

Delta R.T. 0.05 min

Lab File: BM002891.D

Acq: 13 Oct 2015 17:57

Instrument :

BNA_M

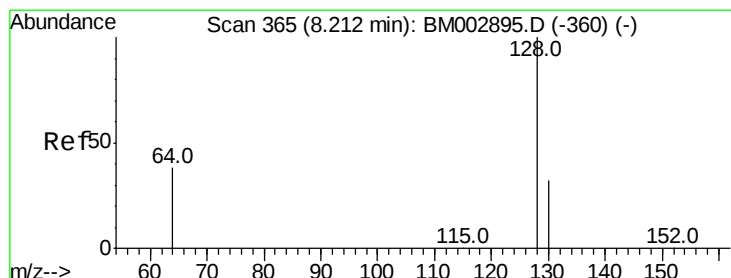
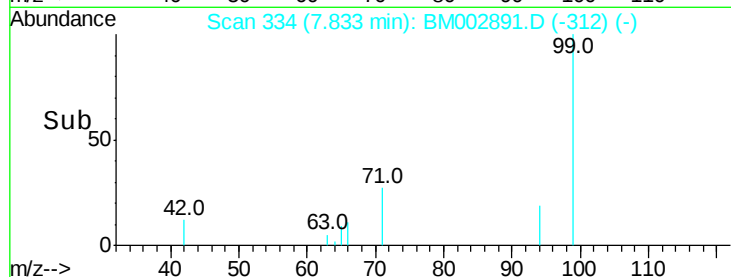
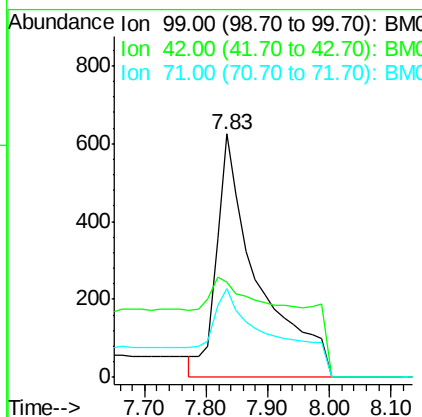
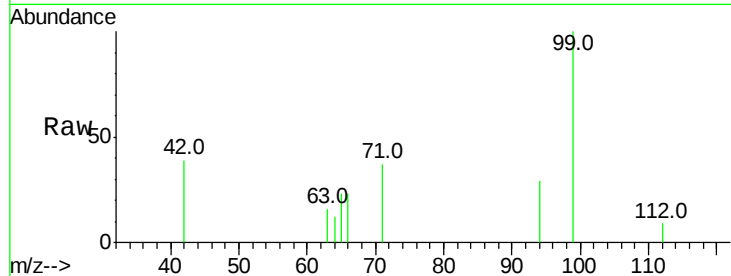
ClientSampleId :

SSTDICC0.1

Tot Ion:	99	Resp:	2865
Ion Ratio	Lower	Upper	
99	100		
42	39.2	12.1	18.1#
71	36.6	26.4	39.6

Manual Integrations
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#4

2-Chlorophenol

Concen: 0.10 ng

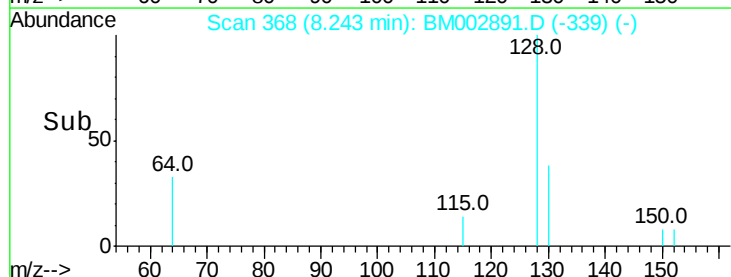
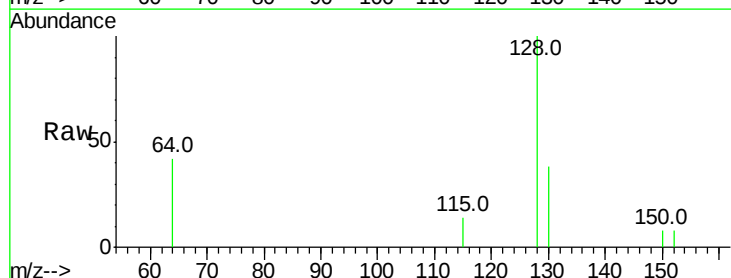
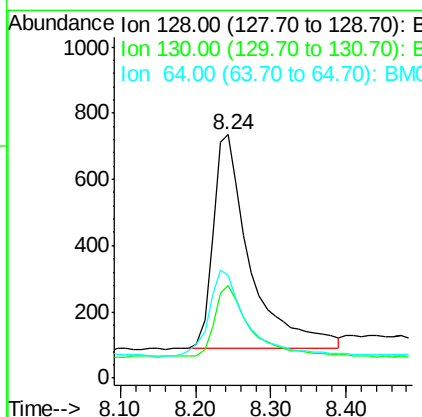
RT: 8.24 min Scan# 368

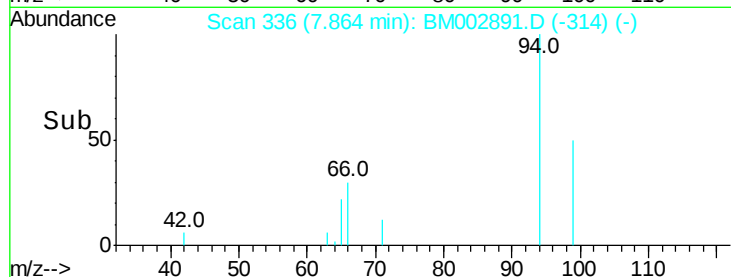
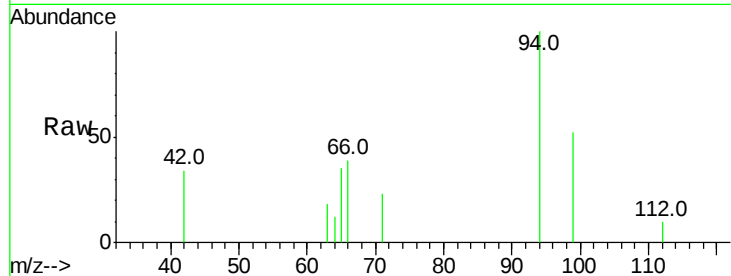
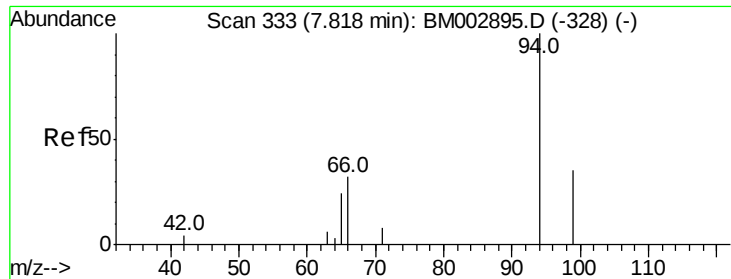
Delta R.T. 0.03 min

Lab File: BM002891.D

Acq: 13 Oct 2015 17:57

Tgt Ion:	128	Resp:	2234
Ion Ratio	Lower	Upper	
128	100		
130	37.8	22.2	62.2
64	42.3	0.0	28.7#





#5

Phenol

Concen: 0.10 ng/mL

RT: 7.86 min Scan# 336

Delta R.T. 0.05 min

Lab File: BM002891.D

Acq: 13 Oct 2015 17:57

Tot Ion	Ratio	Lower	Upper
94	100		
65	35.1	0.0	37.7
66	38.5	6.3	46.3

Instrument :

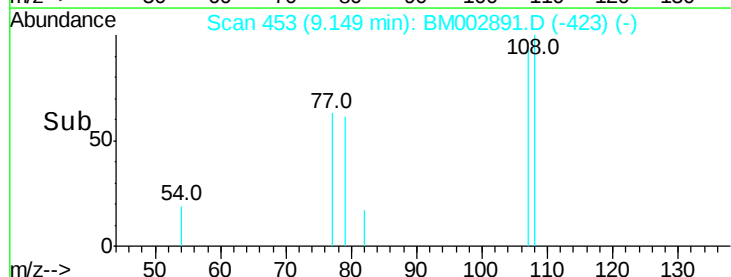
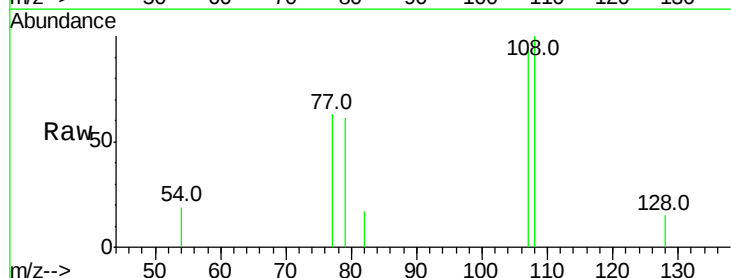
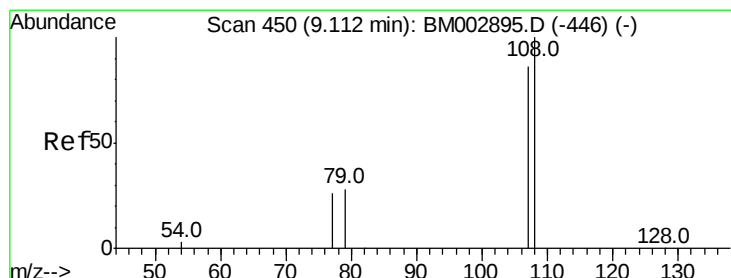
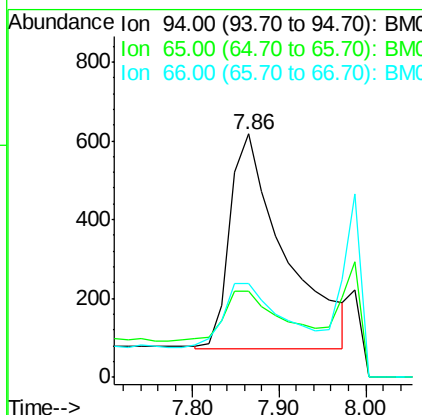
BNA_M

ClientSampleId :

SSTDICC0.1

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#6

2-Methylphenol

Concen: 0.12 ng/mL

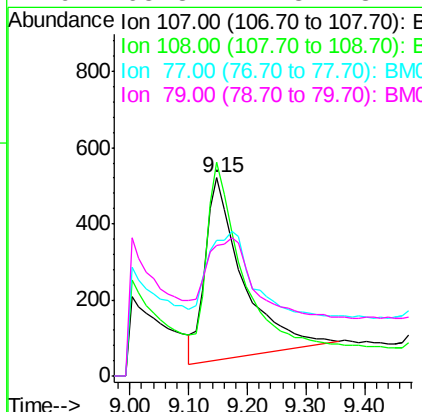
RT: 9.15 min Scan# 453

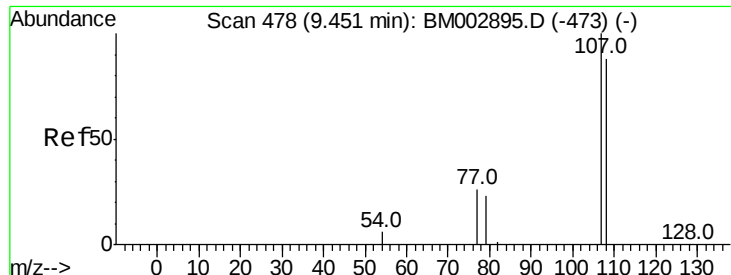
Delta R.T. 0.04 min

Lab File: BM002891.D

Acq: 13 Oct 2015 17:57

Tgt Ion	Ratio	Lower	Upper
107	100		
108	107.9	100.9	151.3
77	68.3	20.3	30.5#
79	65.8	22.8	34.2#





#7

3+4-Methylphenols

Concen: 0.10 ng

RT: 9.51 min Scan# 483

Delta R.T. 0.06 min

Lab File: BM002891.D

Acq: 13 Oct 2015 17:57

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1

Tot Ion:107 Resp: 2138

Ion Ratio Lower Upper

107 100

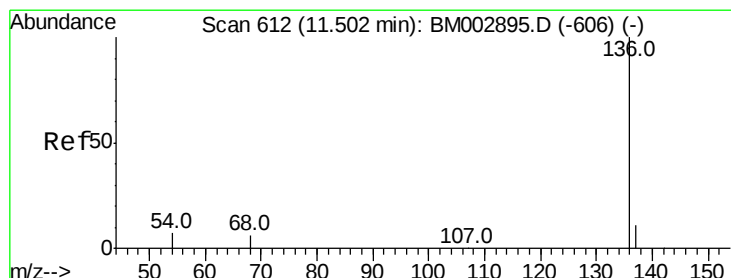
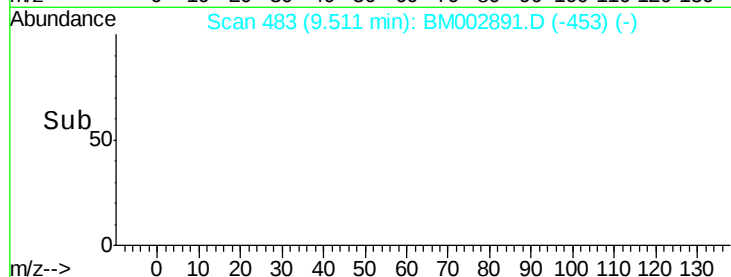
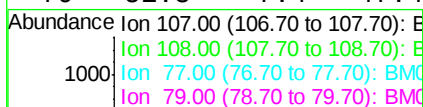
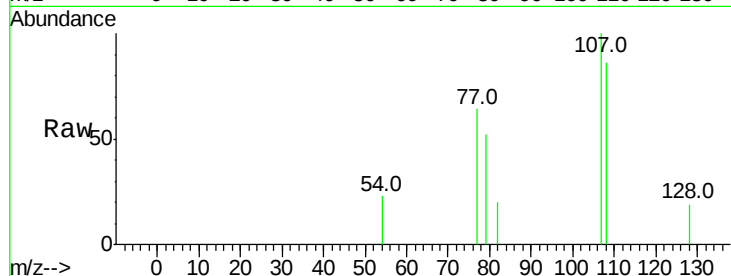
108 85.7 86.3 126.3#

77 63.6 151.7 191.7#

79 51.8 7.4 47.4#

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#8

Naphthalene-d8

Concen: 5.00 ng

RT: 11.50 min Scan# 612

Delta R.T. -0.00 min

Lab File: BM002891.D

Acq: 13 Oct 2015 17:57

Tgt Ion:136 Resp: 351739

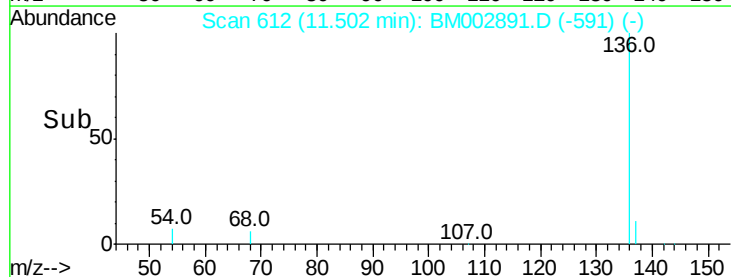
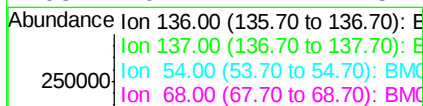
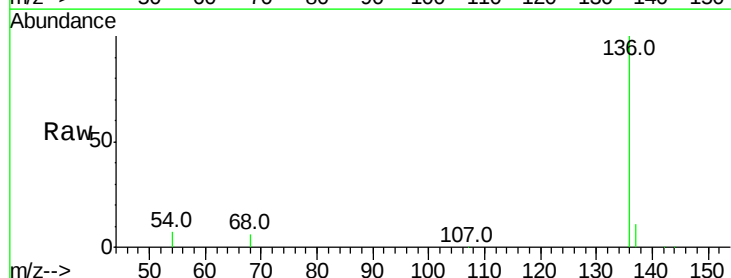
Ion Ratio Lower Upper

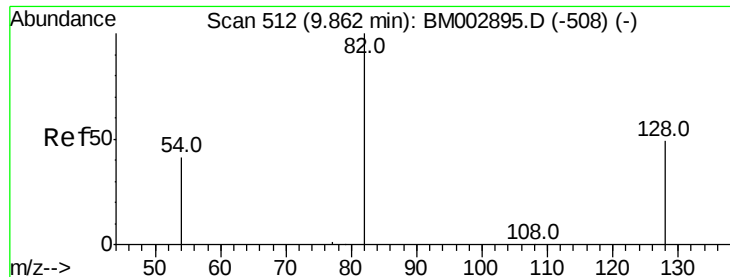
136 100

137 10.7 9.1 13.7

54 7.1 2.6 3.8#

68 6.1 2.2 3.2#





#9

Nitrobenzene-d5

Concen: 0.09 ng m

RT: 9.90 min Scan# 515

Delta R.T. 0.04 min

Lab File: BM002891.D

Acq: 13 Oct 2015 17:57

Instrument :

BNA_M

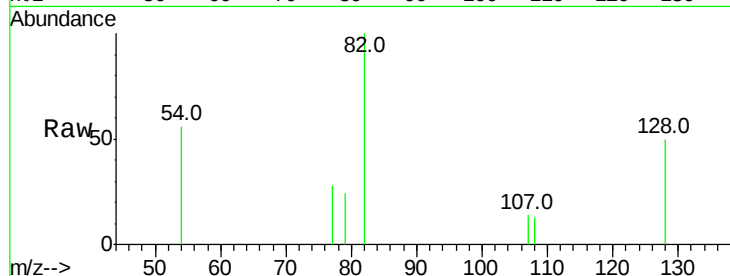
ClientSampleId :

SSTDICC0.1

Tot Ion:	82	Resp:	1940
Ion Ratio	Lower	Upper	
82	100		
128	112.0	0.0	0.0#
54	118.4	59.0	88.6#

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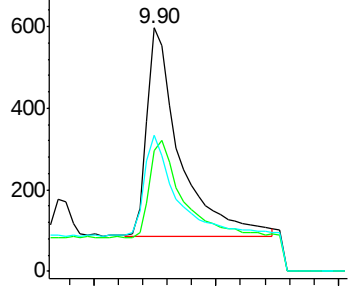
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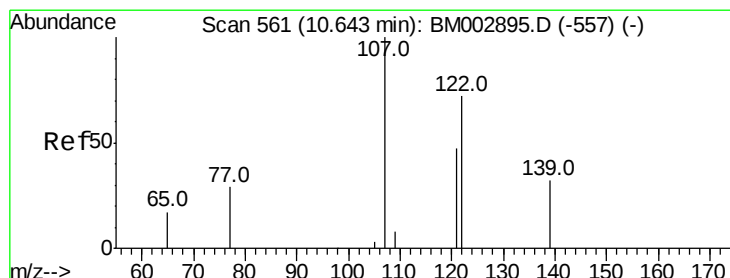
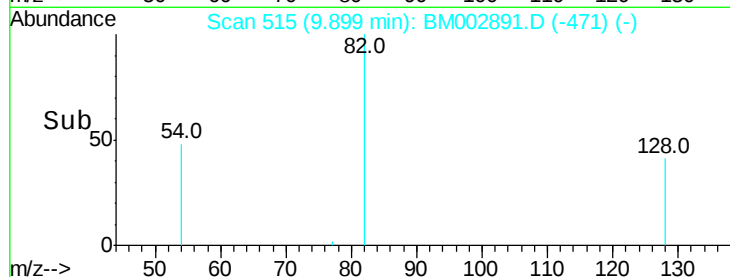
Abundance Ion 82.00 (81.70 to 82.70): BM002891.D (-508) (-)

Ion 128.00 (127.70 to 128.70): BM002891.D (-508) (-)

Ion 54.00 (53.70 to 54.70): BM002891.D (-508) (-)



Time-->



#10

2-Nitrophenol

Concen: 0.10 ng

RT: 10.68 min Scan# 563

Delta R.T. 0.04 min

Lab File: BM002891.D

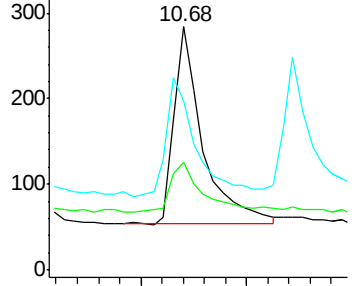
Acq: 13 Oct 2015 17:57

Tgt Ion:	139	Resp:	859
Ion Ratio	Lower	Upper	
139	100		
109	44.4	19.5	29.3#
65	69.7	18.6	28.0#

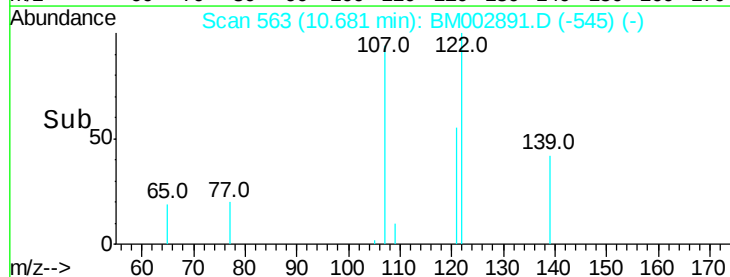
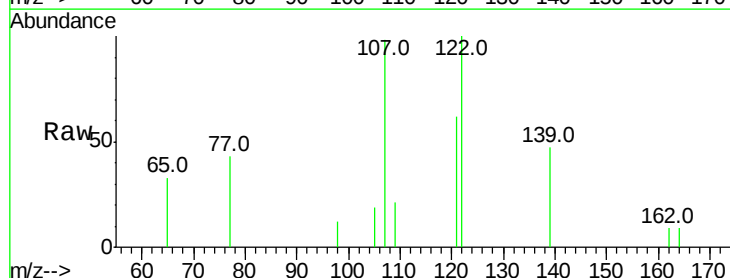
Abundance Ion 139.00 (138.70 to 139.70): BM002891.D (-557) (-)

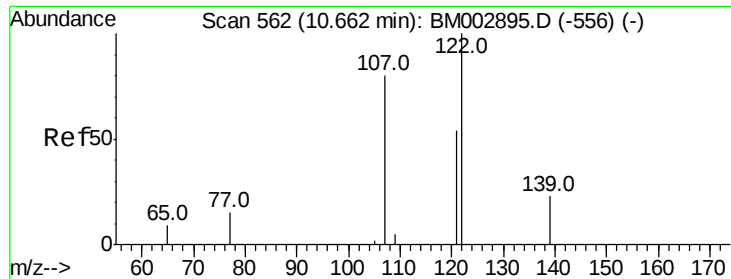
Ion 109.00 (108.70 to 109.70): BM002891.D (-557) (-)

Ion 65.00 (64.70 to 65.70): BM002891.D (-557) (-)



Time-->





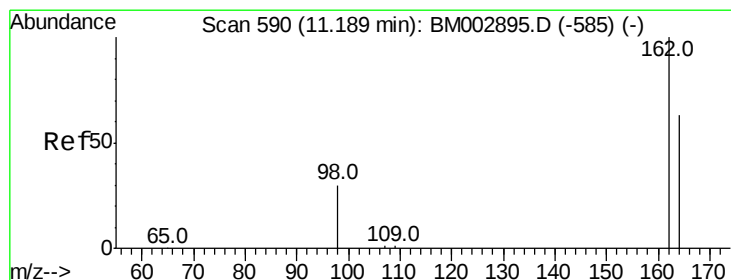
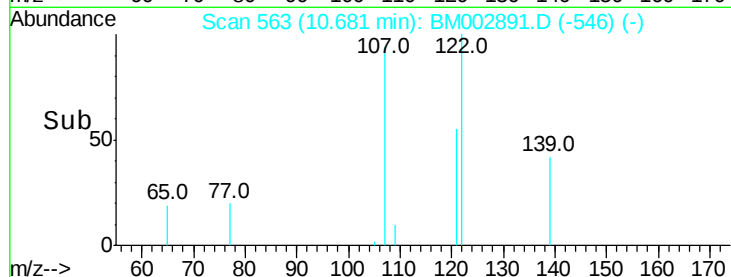
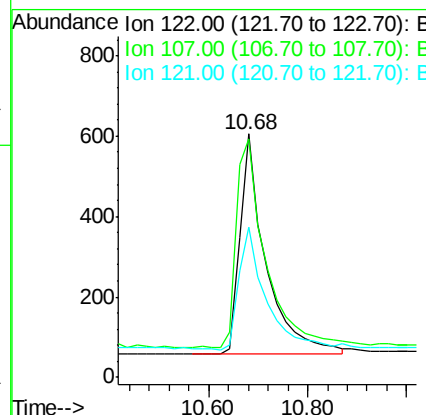
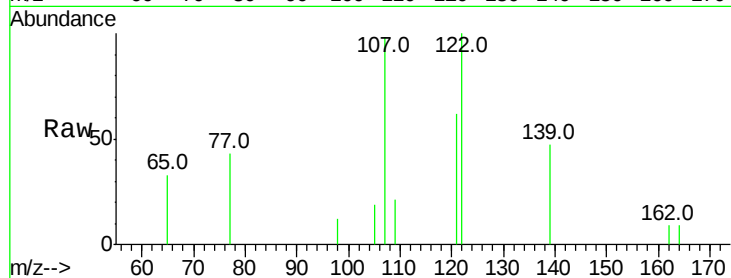
#11
2,4-Dimethylphenol
Concen: 0.10 ng
RT: 10.68 min Scan# 563
Delta R.T. 0.02 min
Lab File: BM002891.D
Acq: 13 Oct 2015 17:57

Instrument :
BNA_M
ClientSampleId :
SSTDIC0.1

Tot Ion	Ratio	Lower	Upper
122	100		
107	98.0	68.6	102.8
121	61.6	44.8	67.2

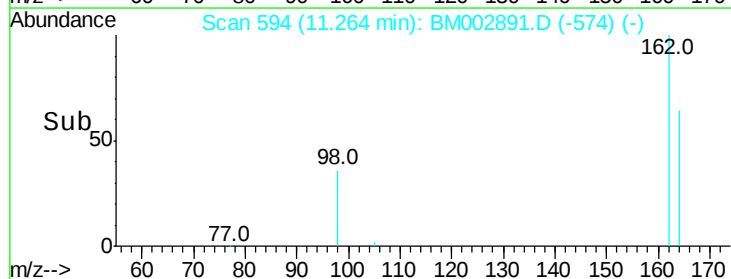
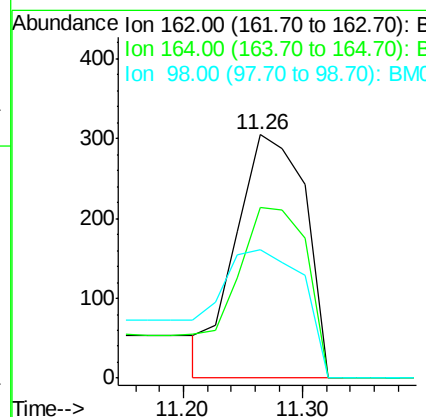
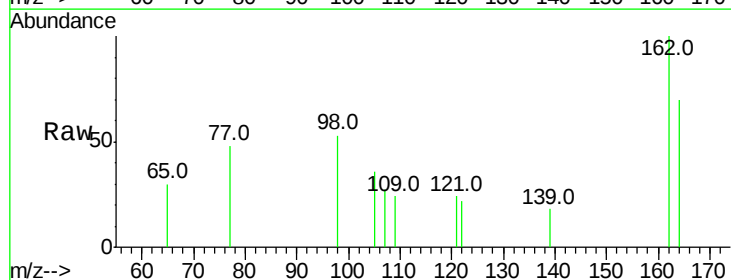
Manual Integrations
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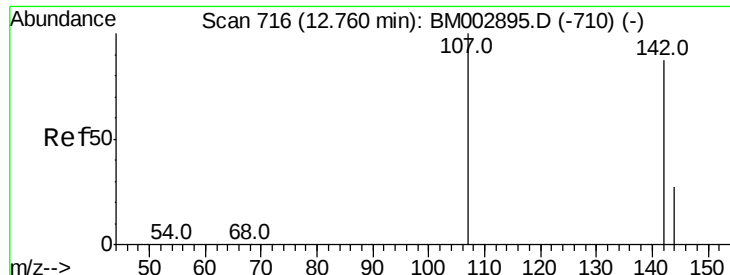
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#12
2,4-Dichlorophenol
Concen: 0.08 ng
RT: 11.26 min Scan# 594
Delta R.T. 0.08 min
Lab File: BM002891.D
Acq: 13 Oct 2015 17:57

Tgt Ion	Ratio	Lower	Upper
162	100		
164	70.2	49.2	89.2
98	52.8	0.0	37.4





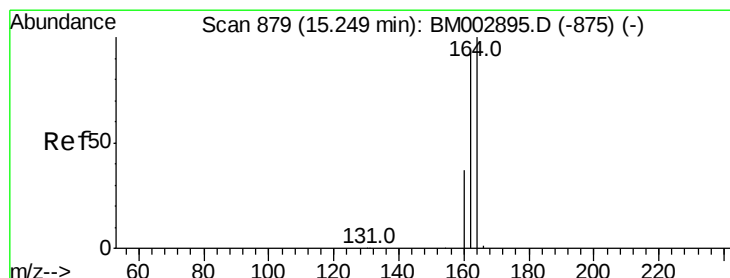
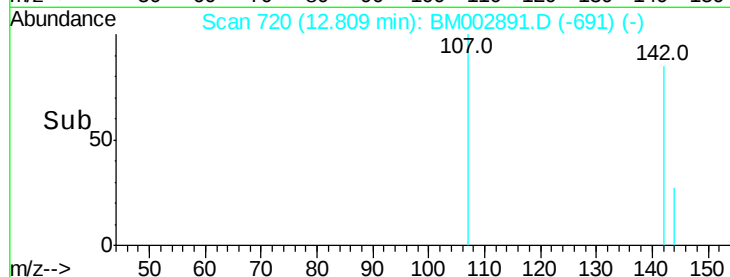
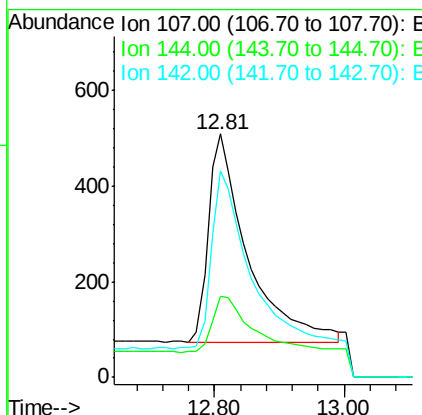
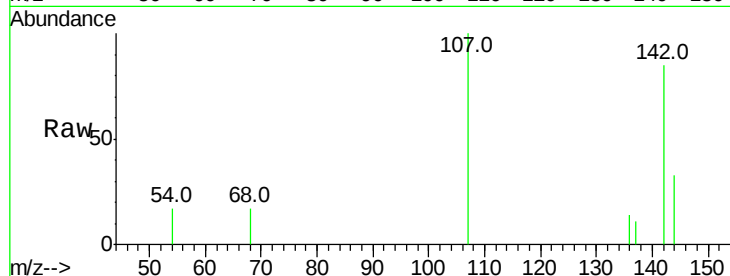
#13
4-Chloro-3-methylphenol
Concen: 0.10 ng
RT: 12.81 min Scan# 720
Delta R.T. 0.05 min
Lab File: BM002891.D
Acq: 13 Oct 2015 17:57

Instrument :
BNA_M
ClientSampleId :
SSTDIC0.1

Tot Ion	Ratio	Lower	Upper
107	100		
144	33.2	16.2	24.2#
142	84.7	49.8	74.6#

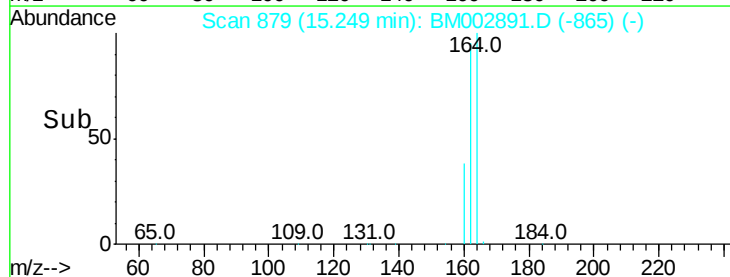
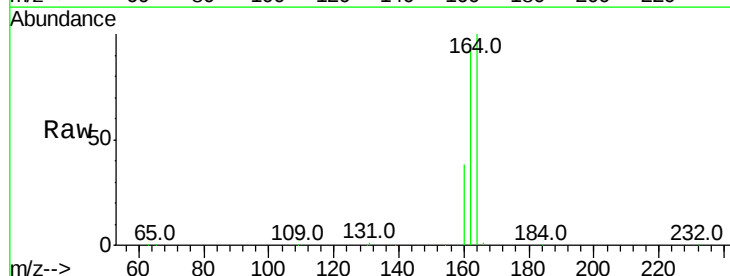
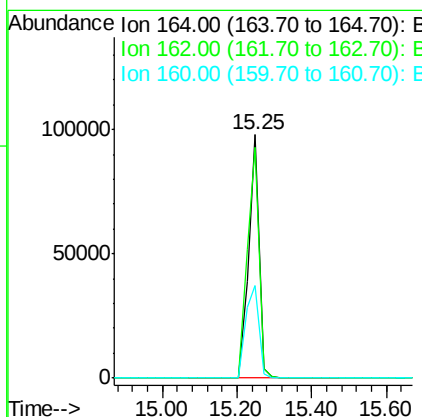
Manual Integrations
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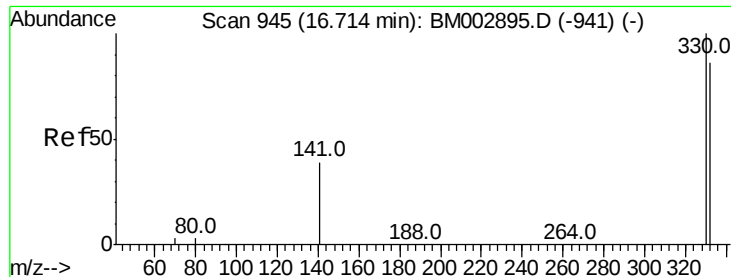
MMdadoda
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#14
Acenaphthene-d10
Concen: 5.00 ng
RT: 15.25 min Scan# 879
Delta R.T. -0.00 min
Lab File: BM002891.D
Acq: 13 Oct 2015 17:57

Tgt Ion	Ratio	Lower	Upper
164	100		
162	94.7	79.2	118.8
160	37.8	33.7	50.5





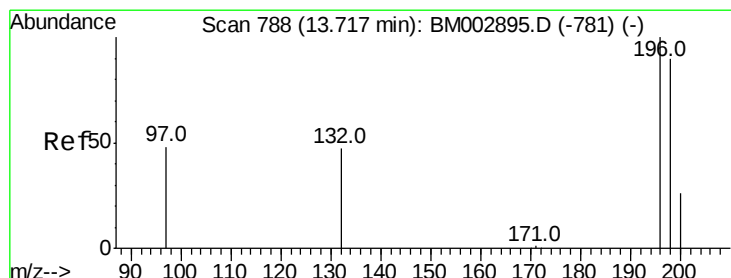
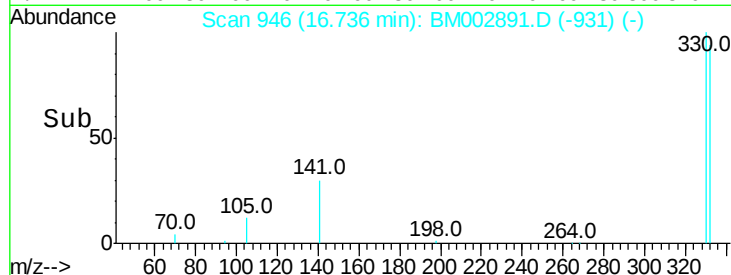
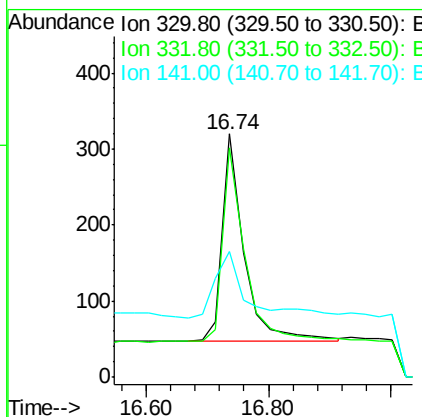
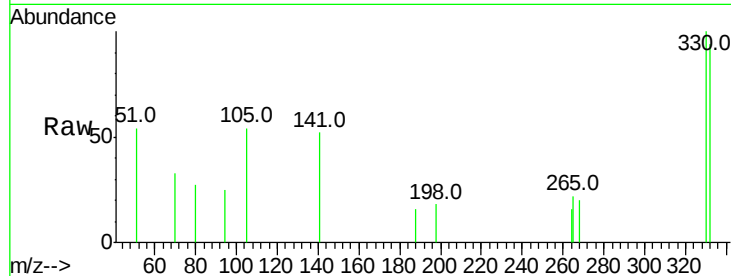
#15
 2,4,6-Tribromophenol
 Concen: 0.10 ng
 RT: 16.74 min Scan# 946
 Delta R.T. 0.02 min
 Lab File: BM002891.D
 Acq: 13 Oct 2015 17:57

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.1

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	74.0	111.0
141	47.4	24.1	36.1#

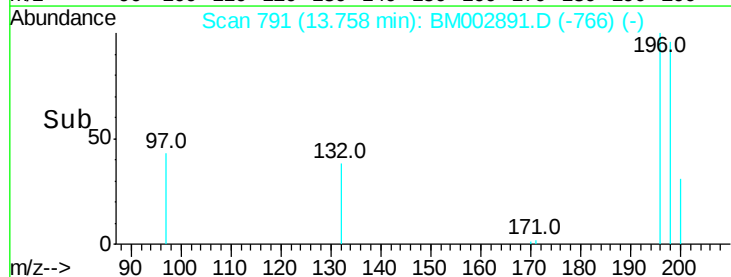
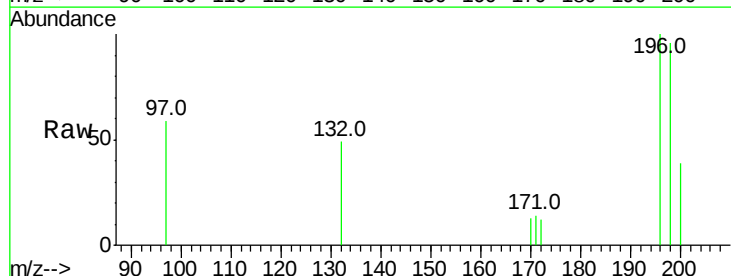
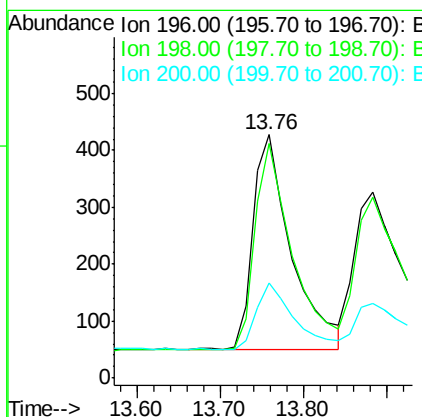
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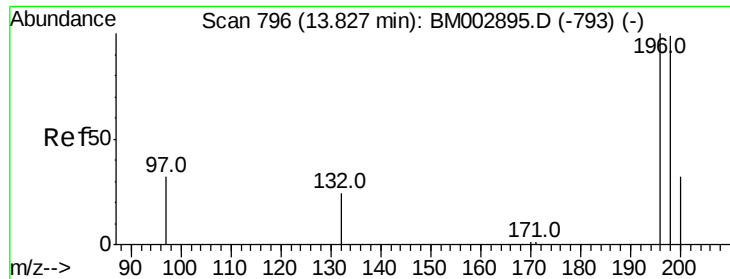
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#16
 2,4,6-Trichlorophenol
 Concen: 0.10 ng
 RT: 13.76 min Scan# 791
 Delta R.T. 0.04 min
 Lab File: BM002891.D
 Acq: 13 Oct 2015 17:57

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.5	54.2	81.2#
200	39.0	17.1	25.7#





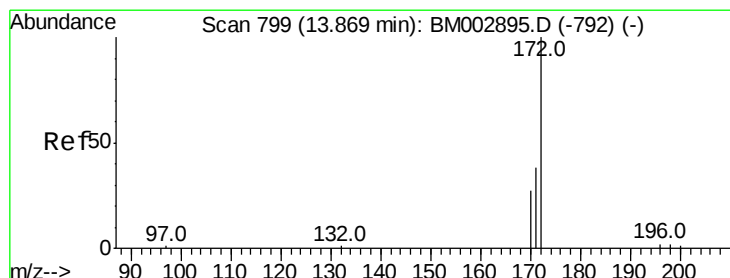
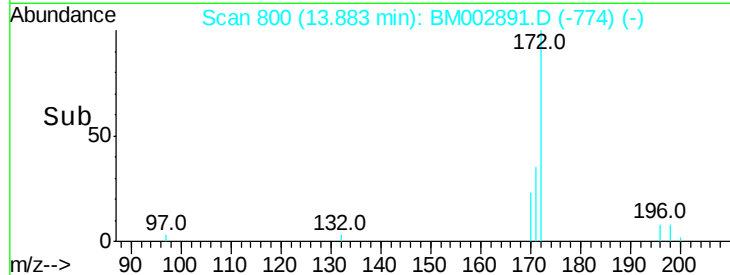
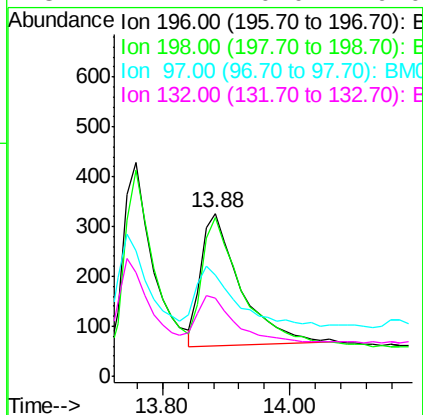
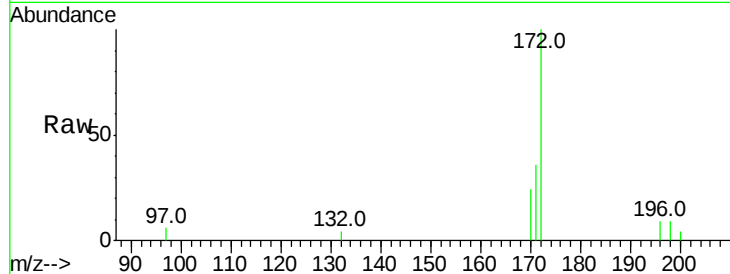
#17
2,4,5-Trichlorophenol
Concen: 0.09 ng
RT: 13.88 min Scan# 800
Delta R.T. 0.06 min
Lab File: BM002891.D
Acq: 13 Oct 2015 17:57

Instrument :
BNA_M
ClientSampleId :
SSTDIC0.1

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.9	73.6	110.4
97	61.8	0.0	0.0#
132	47.7	0.0	0.0#

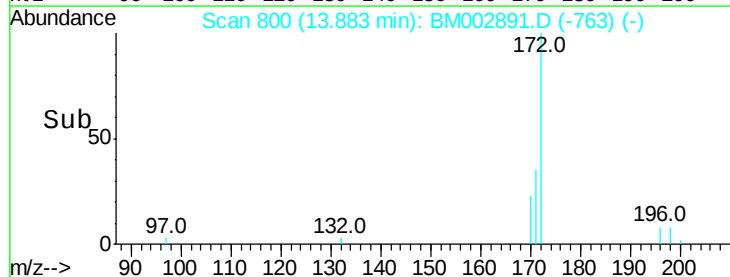
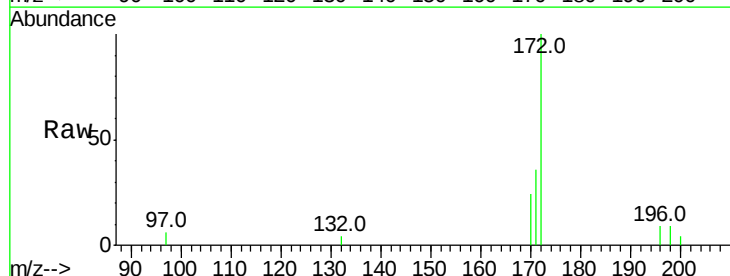
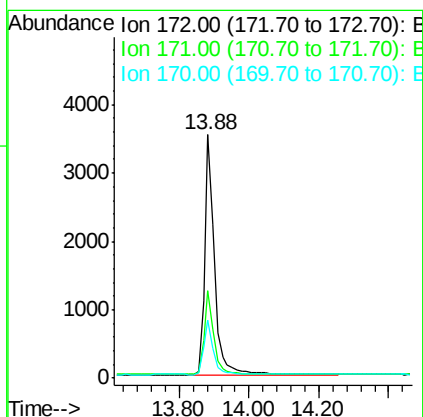
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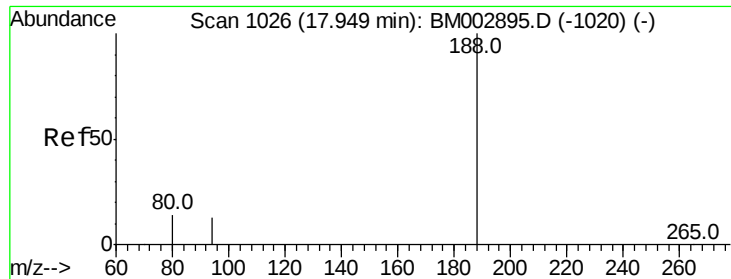
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#18
2-Fluorobiphenyl
Concen: 0.11 ng
RT: 13.88 min Scan# 800
Delta R.T. 0.01 min
Lab File: BM002891.D
Acq: 13 Oct 2015 17:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	0.0	0.0#
170	22.7	0.0	0.0#





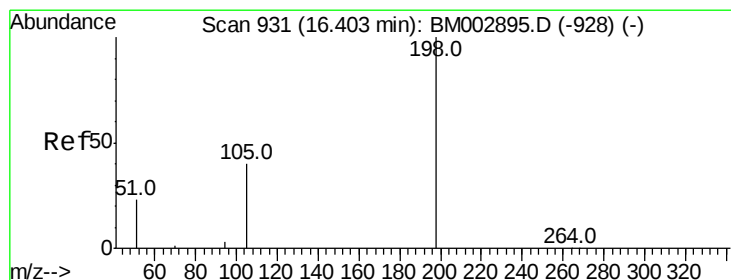
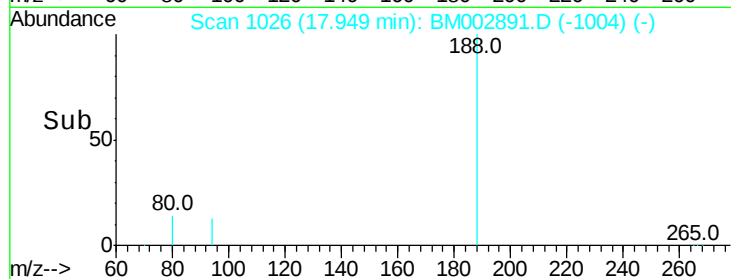
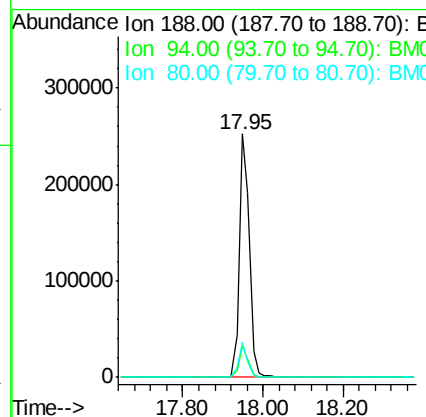
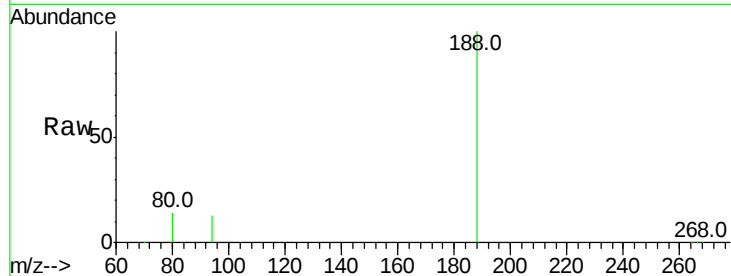
#21
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.95 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BM002891.D
Acq: 13 Oct 2015 17:57

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	12.7	2.9	4.3#	
80	14.2	2.5	3.7#	

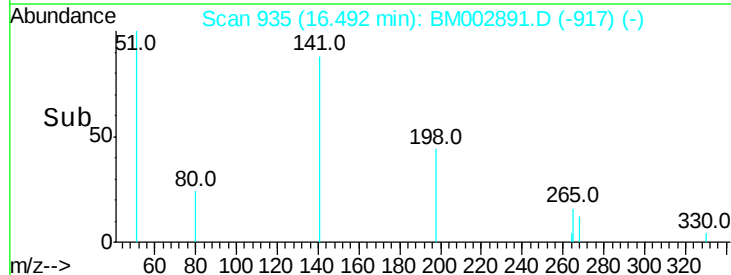
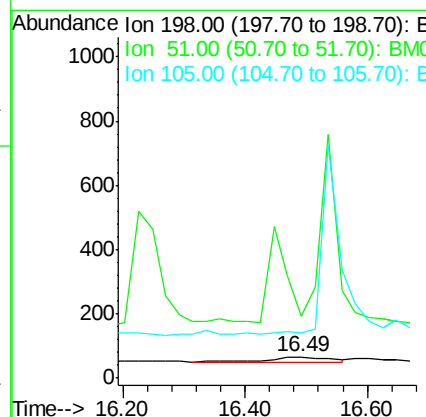
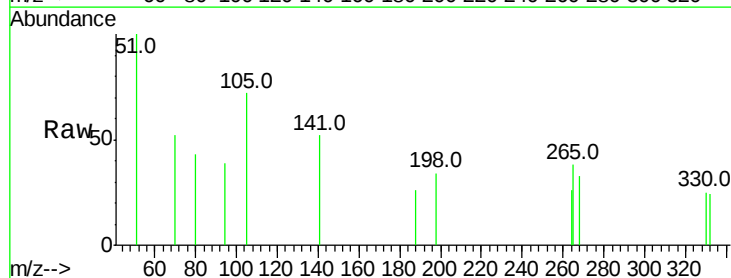
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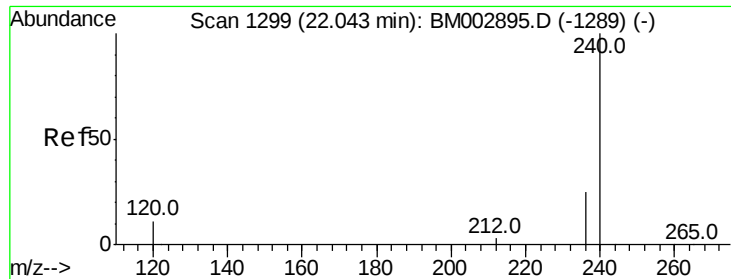
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#22
4,6-Dinitro-2-methylphenol
Concen: 0.03 ng
RT: 16.49 min Scan# 935
Delta R.T. 0.09 min
Lab File: BM002891.D
Acq: 13 Oct 2015 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	298.5	60.8	100.8#	
105	215.4	30.0	70.0#	





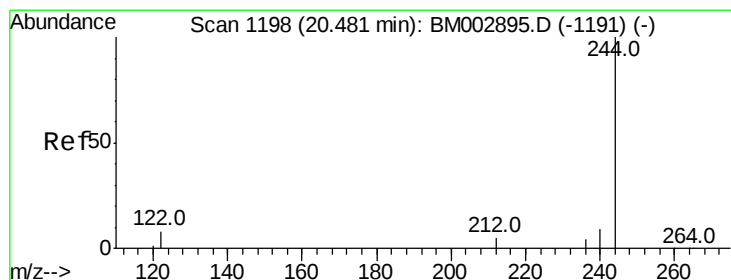
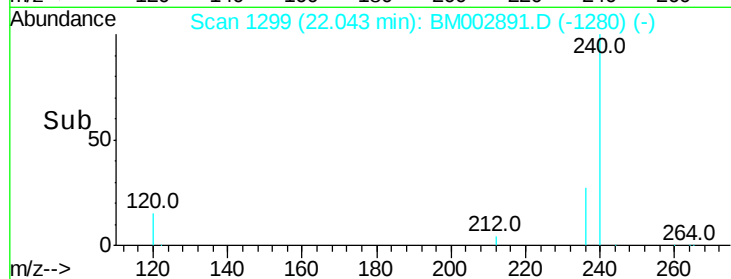
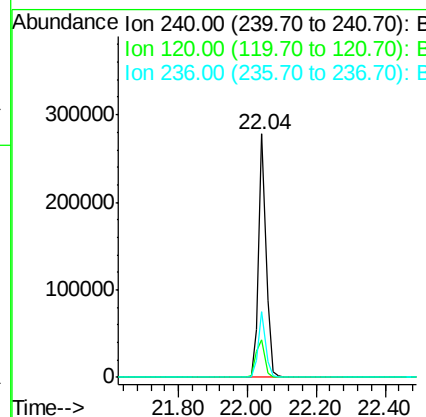
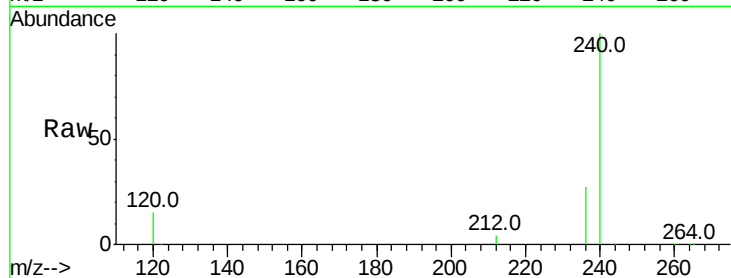
#24
 Chrvsene-d12
 Concen: 5.00 ng
 RT: 22.04 min Scan# 1299
 Delta R.T. -0.00 min
 Lab File: BM002891.D
 Acq: 13 Oct 2015 17:57

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.1

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.5	10.4	15.6
236	27.0	22.0	33.0

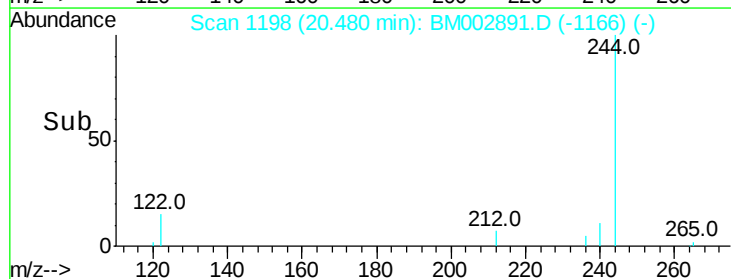
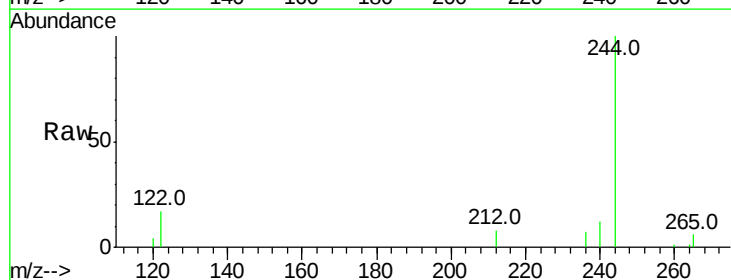
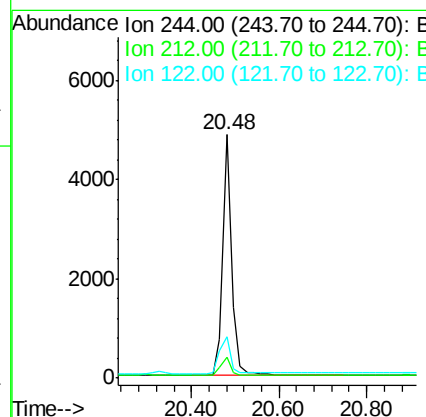
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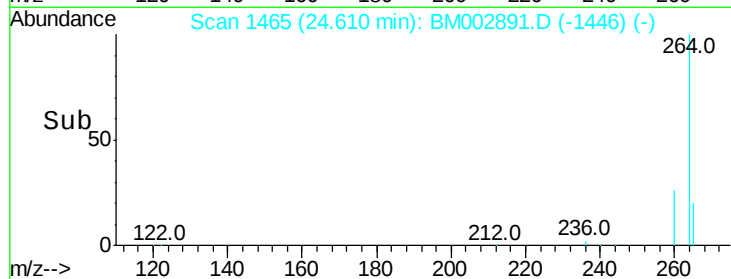
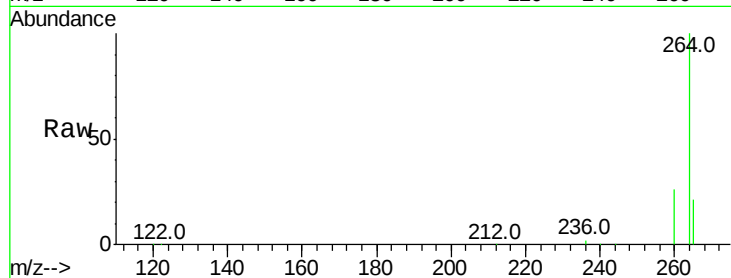
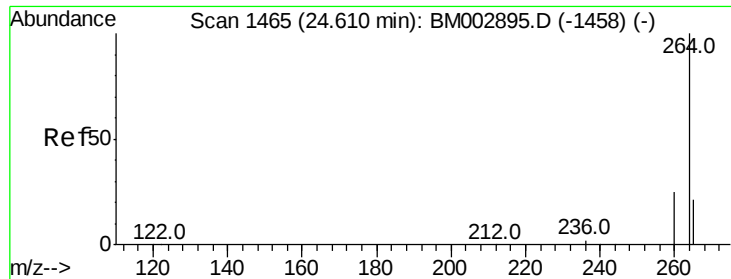
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#25
 Terphenyl-d14
 Concen: 0.11 ng
 RT: 20.48 min Scan# 1198
 Delta R.T. -0.00 min
 Lab File: BM002891.D
 Acq: 13 Oct 2015 17:57

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	7.3	10.9
122	19.4	14.8	22.2





#26
 Pervlene-d12
 Concen: 5.00 ng
 RT: 24.61 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: BM002891.D
 Acq: 13 Oct 2015 17:57

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.1

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	25.8	19.7	29.5
265	21.2	17.4	26.2

Manual Integrations
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